

# ESM1 (Human) ELISA Kit

Catalog # KA4392

Size 1 Kit

## Specification

<b>Product Description</b>	ESM1 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human ESM1.
<b>Suitable Sample</b>	Cell culture supernates, Cell Lysates, Plasma (heparin, EDTA), Serum
<b>Sample Volume</b>	100 $\mu$ L
<b>Label</b>	HRP-conjugated
<b>Detection Method</b>	Colorimetric
<b>Assay Type</b>	Quantitative
<b>Calibration Range</b>	31.2 to 2000 pg/mL
<b>Reactivity</b>	Human
<b>Regulation Status</b>	For research use only (RUO)
<b>Storage Instruction</b>	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

## Applications

- Quantification

## Gene Info — ESM1

<b>Entrez GeneID</b>	<a href="#">11082</a>
<b>Gene Name</b>	ESM1
<b>Gene Alias</b>	endocan

Gene Description	endothelial cell-specific molecule 1
Omim ID	<a href="#">601521</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a secreted protein which is mainly expressed in the endothelial cells in human lung and kidney tissues. The expression of this gene is regulated by cytokines, suggesting that it may play a role in endothelium-dependent pathological disorders. The transcript contains multiple polyadenylation and mRNA instability signals. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000122501

## Publication Reference

- [Serum endocan and circadian heart rate variability in non-dialysis stage 5 chronic kidney disease patients.](#)

Bao Y, Wang YA, Xiao H, Wang Y, Wu Y, Yan Y, Zhu Z, Ni M, Pi CX, Liu MY, Yang JH, Li YT, Tian XK, Wang T, Zhe XW.

International Urology and Nephrology 2018 Nov; 50(11):2061.

Application: Quant, Human, Serum from chronic kidney disease patients

- [Increased endocan expression in lesional skin and decreased endocan expression in sera in atopic dermatitis.](#)

Suzuki H, Miyagaki T, Otobe S, Nakajima R, Oka T, Takahashi N, Kabasawa M, Suga H, Yoshizaki A, Asano Y, Sato S, Sugaya M.

The Journal of Dermatology 2017 Jul; [Epub].

Application: Quant, Human, Serum from patients with atopic dermatitis

## Disease

- [Tobacco Use Disorder](#)